

DERWENT-ACC-NO: 1991-244885

DERWENT-WEEK: 199133

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TITLE: Electroconducting substrate coating **eddy current** monitor  
- has first amplitude detector and A=D converter in  
series connected between **eddy current** converter and  
commutator

INVENTOR: MIKHIN, V M

PATENT-ASSIGNEE: LATTEXORG DORSTROI[LATTR]

PRIORITY-DATA: 1988SU-4641196 (December 5, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1613847 A	December 15, 1990	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SU 1613847A	N/A	1988SU-4641196	December 5, 1988

INT-CL (IPC): G01B007/06

ABSTRACTED-PUB-NO: SU 1613847A

BASIC-ABSTRACT:

The output voltage of **eddy current converter (3)** carries information of the **condition of the base before application of the coating** and the voltage is converted, before being passed to store (9). The voltage from **eddy current converter (2)** carries information of the **same section of the base after application of the coating**. The obtained information from both **eddy current** converters is processed together, to judge **thickness** of the coating.

USE - Measurement of **thickness** of coatings. Bul. 46/15.12.90 @(3pp)@

TITLE-TERMS: ELECTROCONDUCTING SUBSTRATE COATING **EDDY CURRENT**  
MONITOR FIRST  
AMPLITUDE DETECT ANALOGUE=DIGITAL CONVERTER SERIES CONNECT  
**EDDY**  
**CURRENT CONVERTER COMMUTATE**

DERWENT-CLASS: S02

EPI-CODES: S02-A02C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-186776

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